

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE	PAGE 1 OF 1 PAGES
2. AMENDMENT/MODIFICATION NO. M277		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO.	
5. PROJECT NO. (If applicable)					
6. ISSUED BY U.S. Department of Energy Richland Operations Office 825 Jadwin Avenue, MSIN A7-80 Richland, WA 99352		7. ADMINISTERED BY (If other than Item 6)		CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP: Code) Fluor Hanford, Inc. 2420 Stevens Center PO Box 1000 Richland, WA 99354				<input checked="" type="checkbox"/> 9A. AMENDMENT OF SOLICITATION NO. <input type="checkbox"/> 9B. DATED (SEE ITEM 11) <input type="checkbox"/> 10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC06-96RL13200 <input type="checkbox"/> 10B. DATED (SEE ITEM 13) 08/06/96	
CODE		FACILITY CODE			

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning one (1) copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and data specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

N/A \$0.00

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

<input checked="" type="checkbox"/>	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
<input type="checkbox"/>	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
<input type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
<input checked="" type="checkbox"/>	D. OTHER Specify type of modification and authority H.33; Performance Objectives, Measures, Expectations, and Fee Distribution

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 2 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to incorporate revised Performance Incentive RL-0030 into Part III, Section J, Appendix D of the contract.

Attachments: Performance Incentive RL-0030 (Rev 1).



Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) C. M. Murphy, President and Chief Executive Officer		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) David E. Stromberg, Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED 8/24/07	16B. UNITED STATES OF AMERICA BY David E Stromberg (Signature of Contracting Officer)	16C. DATE SIGNED 8/14/07



**PERFORMANCE OBJECTIVES, MEASURES,
EXPECTATIONS AND INCENTIVES**

SECTION J

**APPENDIX D
FY 2007 – FY 2008**

PI	PHMC Modification	Description
<u>RL-0011</u> <u>(Rev. 1)</u>	Modification A270	NM Stabilization and Disposition – PFP
<u>RL-0012</u> <u>(Rev. 1)</u>	Modification A270	SNF Stabilization and Disposition – KBC
<u>RL-0013</u> <u>(Rev. 1)</u>	Modification A270	Solid Waste Stabilization and Disposition
<u>RL-0030</u> <u>(Rev. 1)</u>	Modification M277	Soil and Water Remediation – GWVZ Nuclear Facility
<u>RL-0040</u>	Modification A255	Nuclear Facility D&D – Remainder of Hanford
<u>RL-0042</u> <u>(Rev. 1)</u>	Modification A270	Nuclear Facility FFTE
<u>RL-Composite</u> <u>(Rev. 2)</u>	Modification M258	Composite Performance
<u>FHI-Cost</u> <u>Underrun</u> <u>Funded</u>	Modification M252 ⁽¹⁾	Cost Underrun Funded Performance Incentive

Interpretive Letters:

- ⁽¹⁾[Letter](#), K. A. Klein to R. G. Gallagher, “Contract No. DE-AC06-96RL13200 -- Request for Equitable Adjustment on Underrun Funded Performance Objective 12, RL-040-Complete 212-N Nuclear Facility Hazard Reduction and Downgrade”, 07-AMCP-0134, dated April 4, 2007.

The following letter extends the date for specific fee incentives beyond the 9/30/06 completion date of the former PI's.

[Letter](#), K. A. Klein to R. G. Gallagher, "Contract No. DE-AC06-96RL13200 -- Request for Approval of Proposed Revision to Contract Deliverables and RL-30 Performance Incentive Objective for Installation of a Sequestration Barrier at 100-NR-2", 07-PRO-0175, dated March 2, 2007.

DUPLICATE
ORIGINAL

Fluor Hanford, Inc.
DE-AC06-96RL13200
Modification M277

FY 2007 - FY 2008 FHI PERFORMANCE INCENTIVE

Rev. 1, August 14, 2007

PBS: RL-0030 Soil and Water Remediation – GWVZ Nuclear Facility

Allocated Fee: \$9.572 of the fee available in PHMC Clause B.4

PERFORMANCE OBJECTIVE 1: Implement Groundwater Remedies.

Performance Objective 1a: Install and complete three months of operation of the 100-K West pump and treatment system averaging at least 50 gallons per minute to address the groundwater chromium plume by 31 July 2007.

\$1.7M may be earned as progress payment upon completion of Performance Objective 1a by 31 July 2007.

Completion Criteria:

- The pump and treatment system shall have a nominal treatment capacity of 100 gallons per minute with extraction from at least four wells and injection into at least two wells. Submit a letter certifying that FH has completed three months of pump and treatment system operations at 100-K West at an average rate of 50 gallons per minute.

Government Furnished Services/Items:

None identified.

Performance Objective 1b: Complete two months of treatability testing using the electro coagulation treatment in the 100-D area averaging at least 25 gallons per minute to address the groundwater chromium plume by 30 September 2007.

\$1.0M may be earned as progress payment upon completion of Performance Objective 1b by 30 September 2007.

Completion Criteria:

- The pump and treatment system shall have a nominal treatment capacity of 50 gallons per minute. Submit a letter certifying that FH has completed two months of electro coagulation system operations in the 100-D Area at an average rate of 25 gallons per minute.

Government Furnished Services/Items:

None identified.

PERFORMANCE OBJECTIVE 2: Develop and implement a field investigation plan to locate significant sources of chromium contamination within the 100-D Area by 30 September 2008.

\$0.6M may be earned as progress payment upon completion of Performance Objective 2 by 30 September 2008.

Completion Criteria:

- The field investigation plan has been written and approved.
- The approved field investigation plan has been implemented.
- FH has submitted a letter report to RL documenting the status of the implementation of the approved field investigation plan. The letter report will clearly state the field investigation approaches and methods used; it will document the well drilling and sampling completed; and it will document the preliminary findings, conclusions, and recommendations.

RL CO DL Date 8/14/07

DUPLICATE
ORIGINAL

Fluor Hanford, Inc
DE-AC06-96RL13200
Modification M277

FY 2007 - FY 2008 FHI PERFORMANCE INCENTIVE

Rev. 1, August 14, 2007

PBS: RL-0030 Soil and Water Remediation – GWVZ Nuclear Facility

Allocated Fee: \$9.572 of the fee available in PHMC Clause B.4

Government Furnished Services/Items:

- DOE-RL's approval of the field investigation plan within 30 days of submittal by FH.

PERFORMANCE OBJECTIVE 3: Ensure the Protectiveness of Remedial Actions

Performance Objective 3a: Complete the installation of a minimum of 15 wells from the TPA Milestone M-24 list and attain the CY07 TPA Milestone M-24-57M by 15 December 2007.

\$0.8M may be earned as progress payment upon completion of Performance Objective 3a by 15 December 2007.

Performance Objective 3b: Complete the installation of a minimum of 15 wells during FY08 and attain the CY08 TPA Milestone M-24-57P by 30 September 2008.

\$0.8M may be earned as progress payment upon completion of Performance Objective 3b by 30 September 2008.

Completion Criteria for 3a and 3b:

- Complete drilling wells and submit a letter that documents completion of TPA Milestone M-024-57 and that certifies the wells are sample-ready.

Government Furnished Services/Items:

None identified.

Performance Objective 3c: Submit the 200-BP-5 and 200-PO-1 Groundwater Remedial Investigation (RI) Draft A Work Plans to RL by 31 March 2007 and 30 September 2007, respectively.

\$0.5M may be earned as progress payment upon completion of the 200-BP-5 RI Draft A Work Plan by 31 March 2007.

\$0.5M may be earned as progress payment upon completion of the 200-PO-1 RI Draft A Work Plan by 30 September 2007.

Completion Criteria:

- Submittal of Draft A of the 200-BP-5 and 200-PO-1 Remedial Investigation Work Plans to RL by 31 March 2007 and 30 September 2007, respectively.

Government Furnished Services/Items:

None identified.

Performance Objective 3d: Submit the Draft A 200-ZP-1 Feasibility Study/Proposed Plan to RL by 30 September 2007.

\$0.8M may be earned as progress payment upon submittal of the Draft A 200-ZP-1 Feasibility Study/Proposed Plan to RL by 30 September 2007.

Completion Criteria:

- Submittal of the Draft A 200-ZP-1 Feasibility Study/Proposed Plan to RL by 30 September 2007.

RL CO 01 Date 8/14/07

DUPLICATE
ORIGINAL

Fluor Hanford, Inc
DE-AC06-96RL13200
Modification M277

FY 2007 - FY 2008 FHI PERFORMANCE INCENTIVE

Rev. 1, August 14, 2007

PBS: RL-0030 Soil and Water Remediation – GWVZ Nuclear Facility

Allocated Fee: \$9,572 of the fee available in PHMC Clause B.4

Government Furnished Services/Items:

None identified.

PERFORMANCE OBJECTIVE 4: Complete the transition and integration of Groundwater Monitoring work scope from PNNL and perform Groundwater Monitoring in support of RCRA, CERCLA, and AEA Compliance.

Performance Objective 4a: Submit the annual Hanford Site Groundwater Monitoring Report by 01 March 2007 and complete ninety percent (90%) of the groundwater monitoring well samples, as identified in the FY 2007 Integrated Sampling Schedule, by 30 September 2007.

\$0.4M may be earned as progress payment upon completion of the Hanford Site Groundwater Monitoring Report by 01 March 2007.

\$0.5M may be earned as progress payment upon completion of Performance Objective 4a by 30 September 2007.

Performance Objective 4b: Submit the annual Hanford Site Groundwater Monitoring Report by 01 March 2008 and complete ninety percent (90%) of the groundwater monitoring well samples, as identified in the FY 2008 Integrated Sampling Schedule, by 30 September 2008.

\$0.3M may be earned as progress payment upon completion of the Hanford Site Groundwater Monitoring Report by 01 March 2008.

\$0.4M may be earned as progress payment upon completion of Performance Objective 4b by 30 September 2008.

Completion Criteria for 4a and 4b:

- Submit the annual Hanford Site Groundwater Monitoring Report.
- Perform required well sampling and submit a letter that transmits a field sampling summary table documenting the wells sampled and the completion percentage in support of the groundwater monitoring integrated sampling schedule.

Government Furnished Services/Items:

None identified.

OVER TARGET FUNDED

Performance Objective 1c: Expand the 100-KR-4 pump and treatment system to address the chromium groundwater plume by 30 September 2008.

\$0.35M may be earned as progress payment upon completion of construction of the 100-KR-4 System Expansion extraction/injection/monitoring wells.

\$0.65M may be earned as progress payment upon completion of construction of a 250 gpm system expansion and the start of acceptance testing.

RL CO RL Date 8/14/07

DUPLICATE
ORIGINAL

Fluor Hanford, Inc
DE-AC06-96RL13200
Modification M277

FY 2007 - FY 2008 FHI PERFORMANCE INCENTIVE

Rev. 1, August 14, 2007

PBS: RL-0030 Soil and Water Remediation – GWVZ Nuclear Facility

Allocated Fee: \$9.572 of the fee available in PHMC Clause B.4

Completion Criteria:

- The design of the pump and treatment system expansion shall be based on a final nominal treatment capacity of 600 gallons per minute. Submit a letter documenting that FH has completed the design and issued the DCN Drawings and Specifications to Procurement.
- Complete construction of 18 100-KR-4 System Expansion extraction/injection/monitoring wells and submit a letter documenting that the wells are complete.
- Complete 100-KR-4 System expansion and submit documentation of the start of ATP demonstrating a 250 gpm capacity for 5 consecutive days. A lower flow rate will be acceptable if the approved well network will not support the specified flow rate.

Government Furnished Services/Items:

None identified.

PERFORMANCE OBJECTIVE 5: Complete decommissioning of 100 wells by 30 September 2008.

\$0.2M may be earned upon decommissioning 100 wells to support site closure by 30 September 2008.

Completion Criteria:

- Decommission 100 (cumulative 530) wells in accordance with the WAC. Well selection shall have concurrence from DOE and the Regulators. Completion will be documented with field activity reports and submission of decommissioning documentation to the Washington State Department of Ecology.

Government Furnished Services/Items:

None identified.

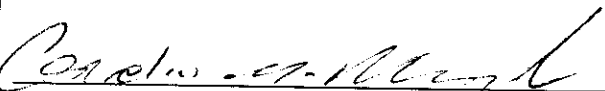
PERFORMANCE OBJECTIVE 6: Complete Tie-in of two T Tank Farm wells into ETF transfer line to address Technetium-99 in the groundwater by 30 September 2007.

\$0.072M may be earned upon completion of the tie-in of two T Tank Farm wells into the ETF transfer line 30 September 2007.

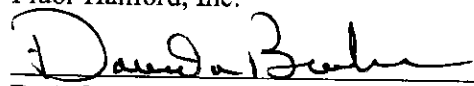
Completion Criteria:

- Complete construction of the tie-in to the two wells and initiate the pumping of groundwater to ETF for treatment.

Signatures:


C. M. Murphy, President & Chief Executive Officer
Fluor Hanford, Inc.

8/14/07
Date


D. A. Brockman, Manager Richland Operations Office

8/14/07
Date

RL CO 84 Date 8/14/07